

V.3.3-RES-SNGL-SPEC-SETH SINGLE RESERVOIR REGULATION OPERATION  
SCHEME PRESCRIBED ELEVATION

Purpose

Scheme SETH does not compute the period ending elevation (and its corresponding storage) but sets the value either as a specified constant or as passed in a time series.

Input Summary

<u>Keyword</u>	<u>Definition and Format</u>
SETH	Input opening keyword for scheme
<u>PARMS</u>	Parameter opening keyword for scheme
HVALUE	Prescribed elevation. If elevation specified numerically format is: - HVALUE 'value' - 'value' is real and within bounds of ELVSSTOR curve <u>1</u> / If elevation specified by a time series, format is: - HVALUE TS
[OPTION]	Indicator of action to be taken if missing values are encountered in time series: - needed only if 'HVALUE TS' entered - integer value - if value = 0 then pass inflow - if value = n then repeat last 'n' values - default is 0
<u>ENDPARMS</u>	Parameter ending keyword for scheme
[ <u>TIME-SERIES</u> ] <u>2</u> /	Time series opening keyword for scheme: - needed only if any time series are entered
[SHTS]	Elevation time series: - needed only if 'HVALUE TS' was entered - data time interval = multiple of Operation time interval - dimensions = L - units = M - missing values are allowed
[ <u>ENDTS</u> ]	Time series ending keyword for scheme: - needed only if TIME-SERIES was entered
[ <u>CARRYOVER</u> ]	Carryover opening keyword for scheme: - needed only if carryover is entered

<u>Keyword</u>	<u>Definition and Format</u>
[OLDH]	'n' values of elevation. - needed only if 'OPTION n' was entered in PARMs - real value - values within ELVSSTOR curve
[ENDCO]	Carryover ending keyword for scheme. - needed only if CARRYOVER was entered
ENDSETH	Input ending keyword for scheme

Notes:

- 1/ ELVSSTOR is the elevation versus storage curve defined in the general parameter section.
- 2/ See 'Time Series Definition' in Section V.3.3-RES-SNGL-SPEC.